

Appendix

Table

A-1. Critical Values of the F Test (95% confidence values)

df_D	df_N									
	1	2	3	4	5	6	7	8	9	10
1	648	800	864	900	922	937	948	956	963	968
2	38.5	39.0	39.2	29.3	39.3	39.4	39.4	39.4	39.4	39.4
3	17.4	16.0	15.4	15.1	14.9	14.7	14.6	14.5	14.5	14.4
4	12.2	10.6	9.98	9.60	9.36	9.20	9.07	8.98	8.90	8.84
5	10.0	8.43	7.76	7.39	7.14	6.98	6.85	6.75	6.68	6.62
6	8.81	7.26	6.60	6.23	5.99	5.82	5.70	5.60	5.52	5.46
7	8.07	6.54	5.89	5.52	5.28	5.12	4.99	4.90	4.82	4.76
8	7.57	6.06	5.42	5.05	4.82	4.65	4.53	4.43	4.36	4.29
9	7.21	5.71	5.08	4.72	4.48	4.32	4.20	4.10	4.03	3.96
10	6.94	5.46	4.82	4.47	4.24	4.07	3.95	3.85	3.78	3.72

Note: df_N is the degrees of freedom in the numerator, and df_D is the degrees of freedom in the denominator of F .

Table

A-2. Critical Values of the F Test (99% confidence values)

df_D	df_N								
	1	2	3	4	5	6	7	8	9
1	16.211	20.000	21.615	22.500	23.056	23.437	23.715	23.925	24.091
2	198.5	199.0	199.2	199.3	199.3	199.3	199.4	199.4	199.4
3	55.5	49.8	47.5	46.2	45.4	44.8	44.4	44.1	43.9
4	31.3	26.3	24.3	22.2	22.5	22.0	21.6	21.4	21.1
5	22.8	18.3	16.5	15.6	14.9	14.5	14.2	14.0	13.8
6	18.6	14.5	12.9	12.0	11.5	11.1	10.8	10.6	10.4
7	16.2	12.4	10.9	10.0	9.52	9.15	8.89	8.67	8.51
8	14.7	11.0	9.60	8.80	8.30	7.95	7.69	7.50	7.34
9	13.6	10.1	8.72	7.96	7.47	7.13	6.88	6.69	6.54
10	12.8	9.43	8.08	7.34	6.87	6.54	6.30	6.12	5.97

Note: df_N is the degrees of freedom in the numerator, and df_D is the degrees of freedom in the denominator of F.

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